

Untitled

10-615-383a-16.rag.

Title: US-10-615-383A-16
 Perfect score: 51
 Sequence: 1 TYTFTDYVD 9

PN W09748727-A1.

XX
 PD 24-DEC-1997.

XX
 PF 18-JUN-1997; 97W0-SE001091.

XX
 PR 20-JUN-1996; 96SE-00002496.

XX
 PA (GUSS/) GUSS B.
 PA (NILS/) NILSSON M.
 PA (FRYK/) FRYKBERG L.
 PA (FLOCK/) FLOCK J.
 PA (LINDB/) LINDBERG M.

XX
 PI Guss B, Nilsson M, Frykberg L, Flock J, Lindberg M

XX
 DR WPI; 1998-063079/06.

DR N-PSDB; AAV04279.

DR PC: NCBI; gi3201550.

XX
 PT Fibrinogen-binding protein from coagulase-negative Staphylococcus - used
 PT for prevention, treatment and diagnosis of Staphylococcus infection.

XX
 PS Example 3; Fig 6; 45pp; English.

XX
 CC The protein comprises the fibrinogen binding protein (FIG) of coagulase-
 CC negative Staphylococcus epidermidis HB. Its amino acid sequence was
 CC deduced from the isolated fig gene (see AAV04279). The closest known
 CC analogue of FIG is the clumping factor of S. aureus which also binds
 CC fibrinogen and promotes bacterial aggregation in serum. Recombinant FIG
 CC polypeptides can be expressed in host cells. They are used as immunogens,
 CC particularly in vaccines (which may be expressed in vivo) to protect
 CC humans and animals against coagulase-negative Staphylococcus infection.
 CC Antibodies raised against FIG can be used for passive immunisation. They
 CC block the adherence of bacteria) and for diagnosis. (Updated on 17-OCT-
 CC 2003 to standardise OS field)

CC
 CC Revised record issued on 18-OCT-2007: Enhanced with precomputed
 CC information from BOND.

X
 SQ Sequence 1092 AA;

Query Match 100.0% Score 51; DB 2; Length 1092;
 Best Local Similarity 100.0% Pred. No. 25;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TYTFTDYVD 9
 |||||
 Db 372 TYTFTDYVD 380

US-10-615-383A-10

Perfect score: 4824

Sequence: 1 LKKNLLTKKKPI ANKSNKY. FAGLGALLLGKRRKNRKNKN 930

-10-615-383a-10.rag.

Untitled

W09748727- A1.

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PD 24- DEC- 1997.

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PF 18- JUN- 1997; 97WD- SE001091.

XX

PR 20- JUN- 1996; 96SE- 00002496.

XX

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PI Guss B, Nilsson M, Frykberg L, Flock J, Lindberg M.

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DR WPI; 1998- 063079/ 06.

DR N- PSDB; AAV04279.

DR PC: NCBI; gi 3201550.

XX

PT Fibrinogen-binding protein from coagulase-negative Staphylococcus - used for prevention, treatment and diagnosis of Staphylococcus infection.

XX

PS Example 3; Fig 6; 45pp; English.

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CC The protein comprises the fibrinogen binding protein (FIG) of coagulase-negative Staphylococcus epidermidis HB. Its amino acid sequence was deduced from the isolated fig gene (see AAV04279). The closest known analogue of FIG is the clumping factor of S. aureus which also binds fibrinogen and promotes bacterial aggregation in serum. Recombinant FIG polypeptides can be expressed in host cells. They are used as immunogens, particularly in vaccines (which may be expressed in vivo) to protect humans and animals against coagulase-negative Staphylococcus infection. Antibodies raised against FIG can be used for passive immunisation. They block the adherence of bacteria) and for diagnosis. (Updated on 17- OCT- 2003 to standardise OS field)

CC

CC Revised record issued on 18- OCT- 2007 : Enhanced with precomputed information from BOND.

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SQ Sequence 1092 AA;

Query Match 93.0% Score 4485; DB 2; Length 1092;
Best Local Similarity 81.1% Pred. No. 2.4e-212;
Matches 883; Conservative 19; Msmatches 27; Indels 160; Gaps 3;

Qy 2 KKNLLTKKKPI ANKSNKYAI RKFTVGTASI VI GAALLFGLGHINEAKAEENTVQDVKDSN 61
Db 4 KKNLLTKKKPI ANKSNKYAI RKFTVGTASI VI GATLLFGLGHINEAKAEENSVQDVKDSN 63
Qy 62 MDELSDSNDGSSNEEKNDVI NNSQSI NTDDDNQ- I KKEETNSNDI ENRSKDI TQSTTN 120
Db 64 TDELSDSNDGSSDEEKNDVI NNNQSI NTDDNNQI I KKEETNNYDGI EKRSERTESTTN 123
Qy 121 VDENEATFLQKTPQDNTQLKEEVVKEPSSVESSNSSMDTAQQPSHTTI NSEASI QTS DNE 180
Db 124 VDENEATFLQKTPQDNTHLT EEEVKESSSVESSNSSI DTAQQPSHTTI NREESVQTS DNV 183
Qy 181 ENSRVSDFANSKI IESNTESNKEENTI EQPNKVREDSI TSQPSSYKNI DEKI SNQDELLN 240
Db 184 EDSHVSDFANSKI KESNTESGKEENTI EQPNKVKEDSTTSQPSGYTNI DEKI SNQDELLN 243
Qy 241 LPI NEYENKVRPLSTTSAPSSKRVTVNQLAAEQGSNVNHLI KVT DQSI TEGYDDSDGI I 300

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